

METHOD AND APPARATUS FOR PROKARYOTIC
AND EUKARYOTIC CELL QUANTITATION

ABSTRACT OF THE DISCLOSURE

This invention describes methods and kits for detecting and quantifying viable cells in a sample using fluorescent dyes that can be internalized predominantly by viable cells and have fluorescent properties measurably altered when bound to target components. These methods and kits provide a rapid and cost-effective means of detecting potential biological threats in the field.

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